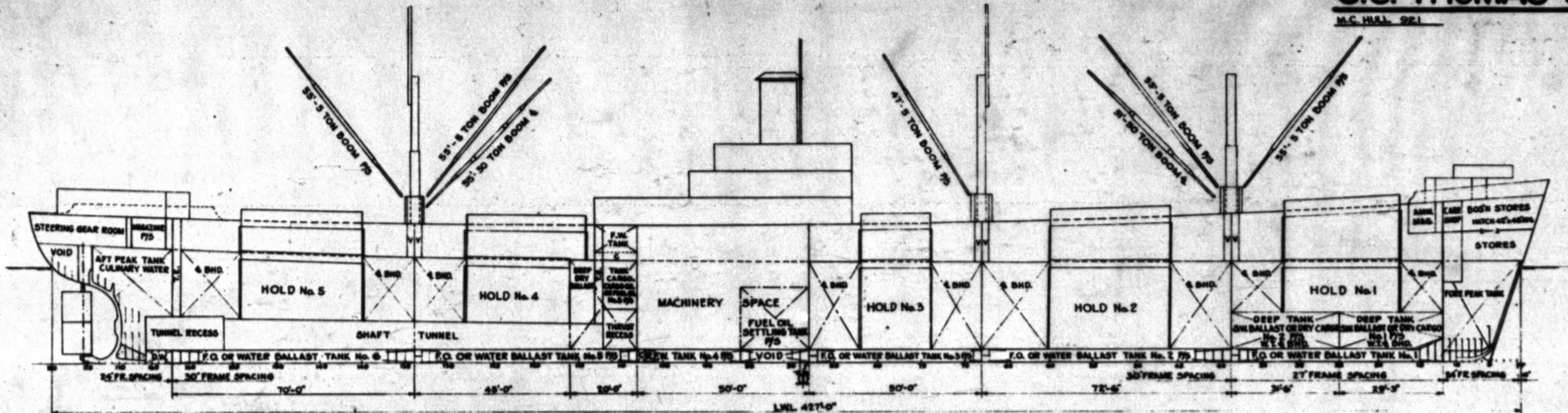


LAUNCHING S.S. THOMAS SIM LEE
FAIRFIELD, Md. Oct. 24, 1942.

S.S. THOMAS SIM LEE

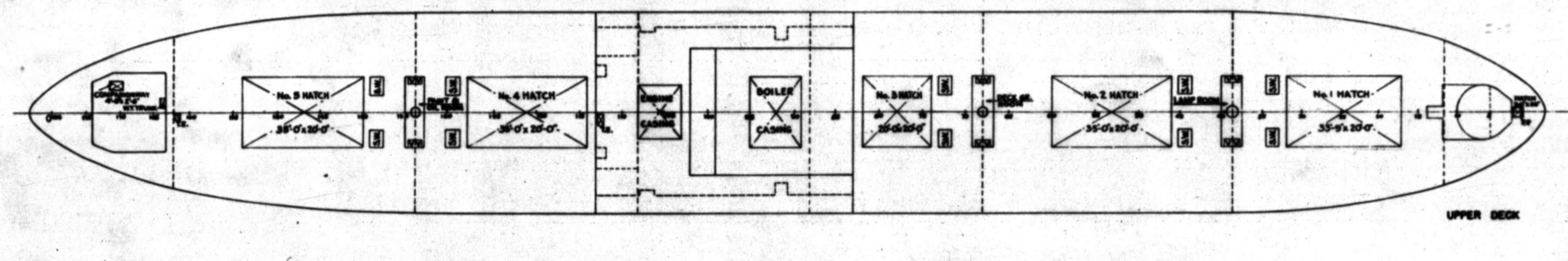
M.C.HILL 921

R.F. HULL 2071

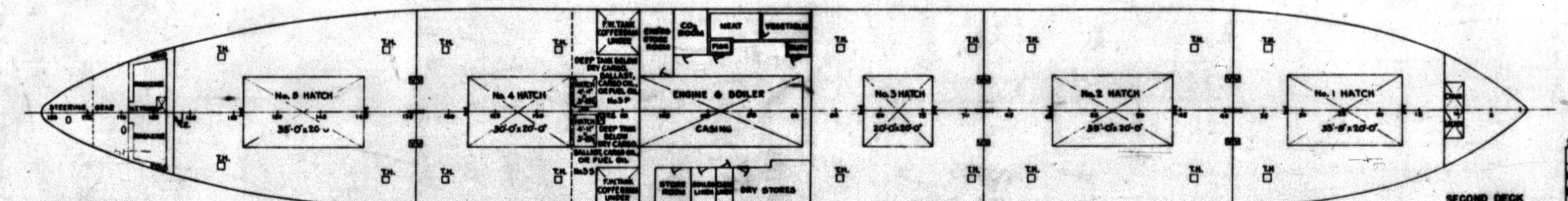


ACRONYMS

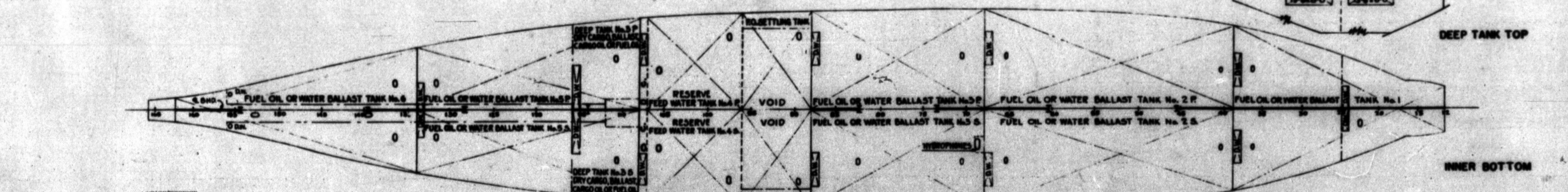
TE - TUNNEL ESCAPE
TH - TRIMMING HATCH
DW - DRAIN WELL
SW - STEAM WINCH
V - VENT TRUNK
C - COPPERDAIM



A black and white technical diagram of a ship's deck. The word "UPPER DECK" is printed in large, bold, uppercase letters at the top left. The diagram shows a cross-section of the deck with a central vertical line and a diagonal line forming a wedge shape pointing to the right. On the left, there is a rectangular hatch labeled "HATCH 40° 10". On the right, there is another hatch labeled "HATCH 40° 10". The diagram is oriented horizontally, with the wedge pointing towards the right edge of the frame.



STORES	STORE ROOM	GU. FT.
BOS'N. STORES ON 2nd DECK F.R. TO FR. 12		3034
BOS'N. STORES ON FLAT BET. 2nd & UPP. DECKS		3492
CABIN STORES 2nd DK. (FRS. 88-103)		4329
LINEN LOCKER		585
BONDED STORES		186
<u>REFRIGERATED STORES:</u>		
MEAT		801
FISH		173
VEGETABLES		768
DAIRY		175



SHIMMED BOTTOM

COMPARTMENT		GRAN CAP	BALE CAP
HOLD No.1	HOLD TWEEN DECKS	G.F. 41257 43143	G.F. 36063 36065
HOLD No.2	HOLD TWEEN DECKS	93350 45744	92008 42850
HOLD No.3	HOLD TWEEN DECKS	68459 27970	59785 23904
HOLD No.4	HOLD TWEEN DECKS	68841 35277	52574 29659
HOLD No.5	HOLD TWEEN DECKS	58820 34570	51571 30964
DEEP TANKS	No.1P.	3639	2729
	No.1S.	3639	3004
	No.2P.	7473	5294
	No.2S.	7473	5578
	No.3P.	13674	12506
	No.3S.	13188	12024
	TOTAL	833437	492816

WATER BALLAST		CU. FT.	TONS 35 C.F.
FORE PEAK		5073	145
WATER BALLAST	No. 1	5029	144
•	No. 2R	5957	170
•	No. 2S	5957	170
•	No. 3R	4400	125
•	No. 3S	4385	125
•	No. 5R	4391	125
•	No. 5S	4391	125
•	No. 6	4118	118
AFTER PEAK-CULINARY WATER		5438	158
DEEP TANKS	No. 1R	3973	114
•	No. 1S	3973	114
•	No. 2R	7340	210
•	No. 2S	7340	210
•	No. 3R	13540	377
•	No. 3S	13065	373
	TOTAL	88579	2311

FRESH WATER			
TANK	GAL'S	TONS @ 35CF	
RESERVE FEED	No. 4P	17855	66
" "	No. 4S	17855	66
FRESH WATER FR. 108-113P	7541	28	
" " FR. 108-113S	7541	28	
	TOTAL	50290	188

FUEL OIL		TANK	GAL'S	WEIGHT
FUEL OIL	TANK	No. 1	36963	132
-	-	No. 2P.	43742	157
-	-	No. 2S.	43742	157
-	-	No. 3P.	32251	116
-	-	No. 3S.	31955	115
-	-	No. 5P.	32185	116
-	-	No. 5S.	32185	116
-	-	No. 6	30183	109
		TOTAL	283106	1017
F.O. SETTLING TANK		FR.68-96R	14083	51
-	-	FR.68-96S.	14083	51
		TOTAL	28166	102
CARGO OIL OR FUEL OIL				
DEEP TANK		No. 3P.	99257	355
-	-	No. 3S.	95772	344
		TOTAL	195029	700
TOTAL (ALL FO)		506301		1819

<u>PRINCIPAL DIMENSIONS</u>	
L.O.A.	441'-7 $\frac{1}{2}$ "
L.B.P (25'-3 $\frac{3}{4}$ " W.L)	416'-0"
BREADTH, MLD.	56'-10 $\frac{3}{4}$ "
BREADTH, EXTREME	57'-1 $\frac{1}{4}$ "
DEPTH TO UPPER DECK, MLD.	37'-4"
DEPTH TO SECOND DECK, MLD.	28'-7"
DRAFT	27'-9 $\frac{1}{4}$ "

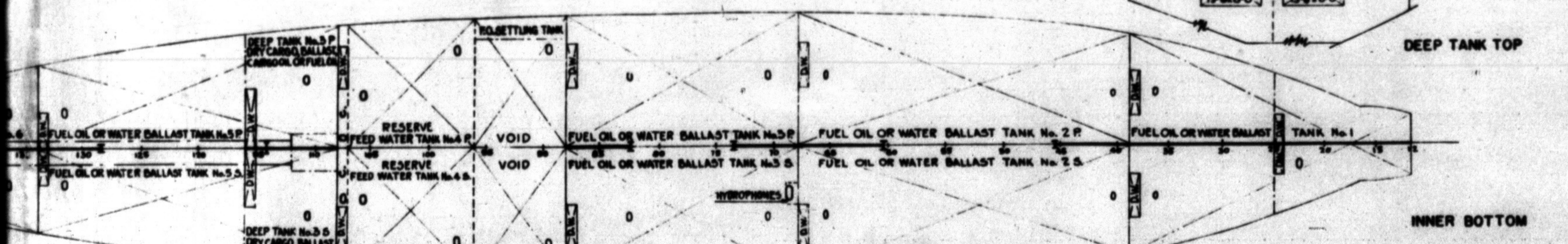
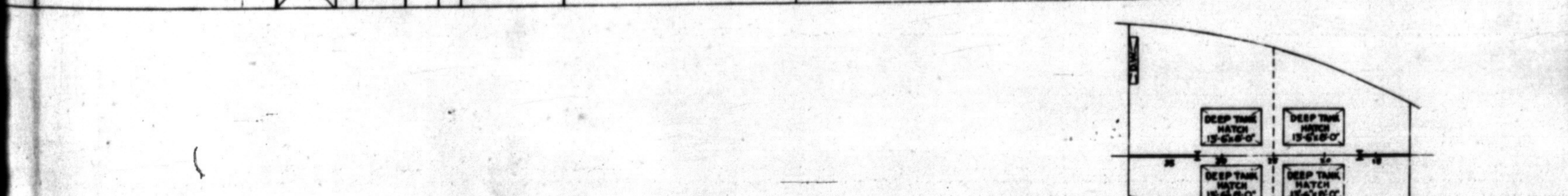
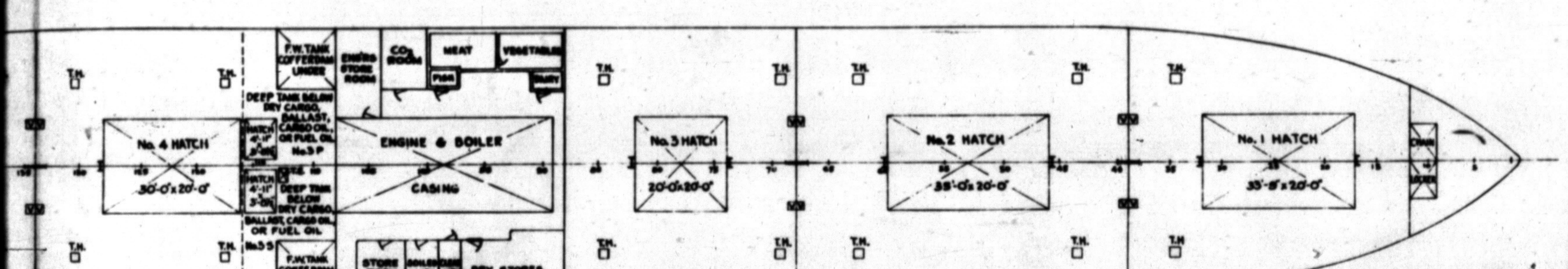
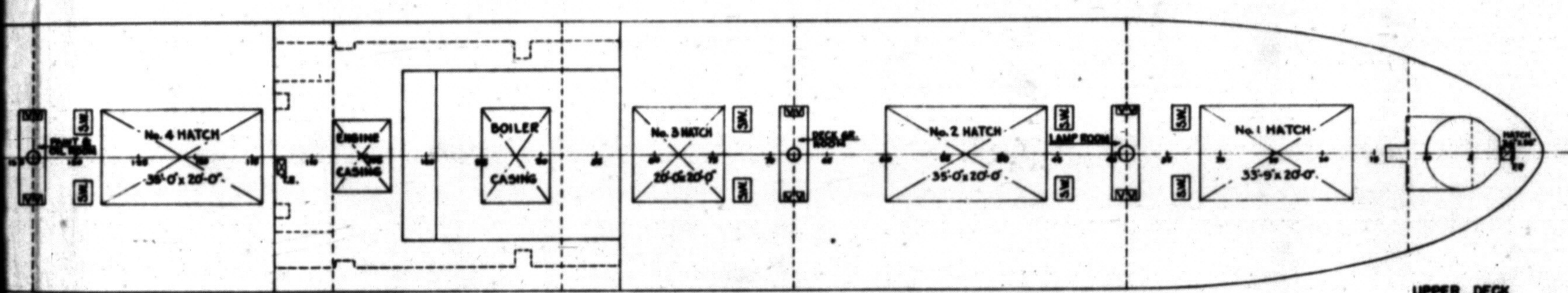
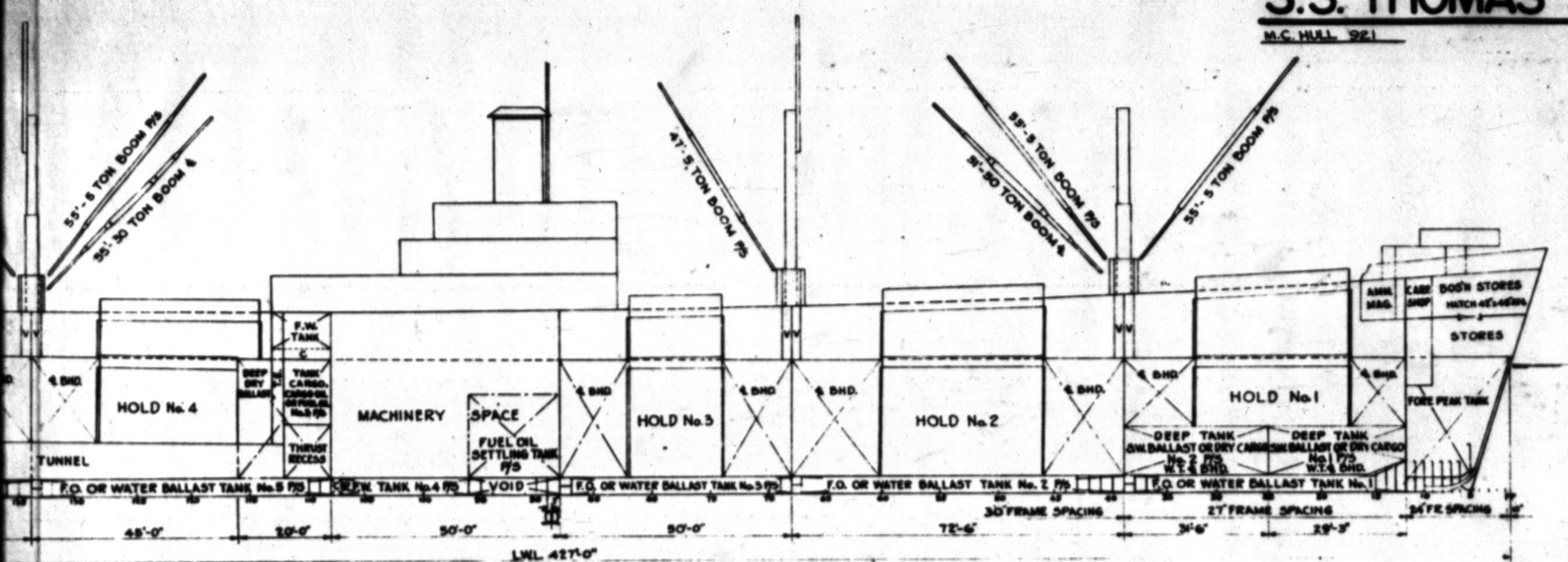
WEIGHTS OF MASTS		FOREMAST	40'-3 1/4"
FIXED MAST ABOVE DECK		FR.68	42'-11 3/4"
:	:	FR.134	42'-2 7/8"
-	-	FR.68	62'-11 3/4"
TELESCOPIC	-		

FR. 134 62'-2 1/4"

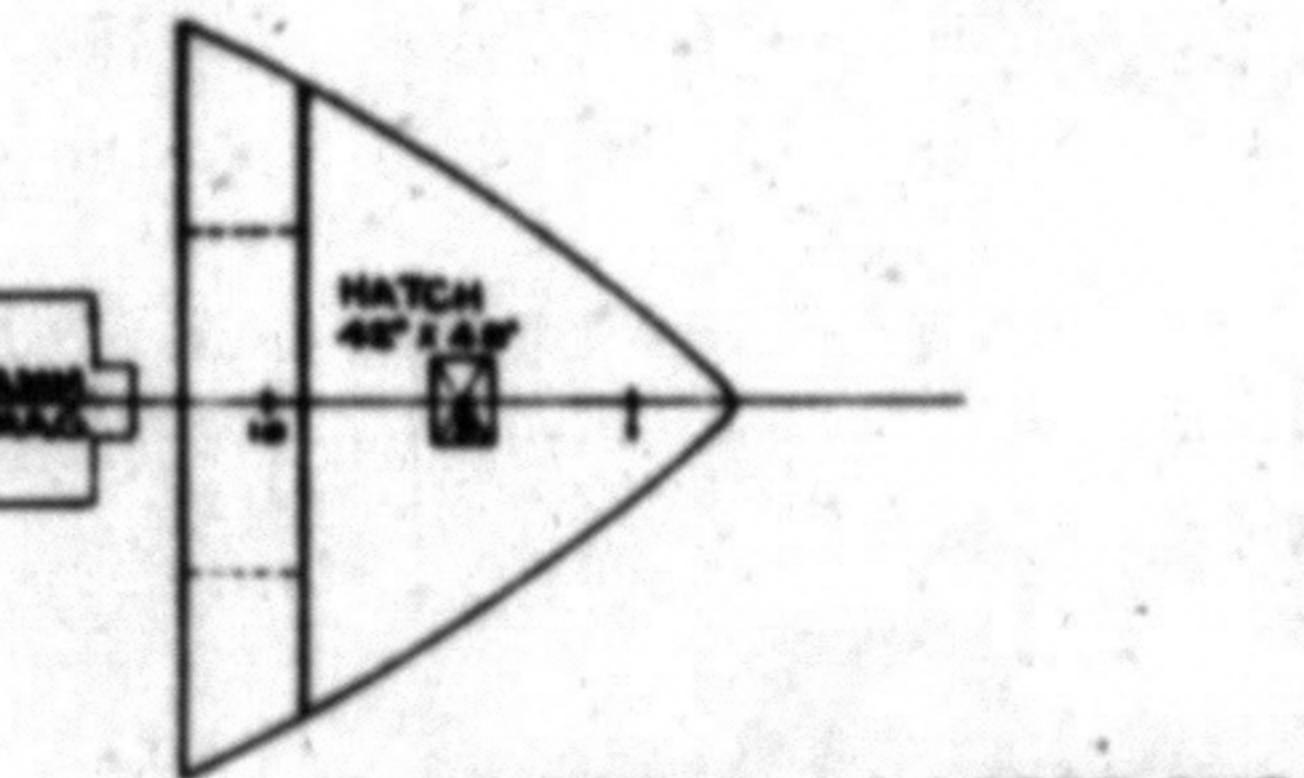
S.S. THOMAS SIM LEE

M.C. HULL 261

S.F. HULL 2071



ABBREVIATION
 TE - TUNNEL ESCAPE
 TH - TRIMMING HATCH
 DW - DRAIN WELL
 SW - STEAM WINCH
 V - VENT TRUNK
 C - COFFERDAM



STORES	STORE ROOM	GU. FT.
BOS'N STORES ON 2nd DECK F.R. TO F.R. 12		3034
BOS'N STORES ON FLAT BET. 2nd & UPP. DKS.		3492
CABIN STORES 2nd D.K. (FRS. 98-106)		4329
LINEN LOCKER		595
BONDED STORES		165
REFRIGERATED STORES:		
MEAT		601
FISH		173
VEGETABLES		768
DAIRY		176
TOTAL (ALL F.O.)		195029
		700
		119

CARGO		COMPARTMENT	GRAN CAP	SALE CAP
HOLD No.1		HOLD TWEEN DECKS	G.F. 45257	36083
			45443	36565
HOLD No.2		HOLD TWEEN DECKS	58860	58208
			46744	48230
HOLD No.3		HOLD TWEEN DECKS	68409	58783
			27970	23904
HOLD No.4		HOLD TWEEN DECKS	68841	58274
			32277	23989
HOLD No.5		HOLD TWEEN DECKS	58620	58711
			34570	30864
DEEP TANKS	No.1R		3639	2729
	No.1S		3639	3004
	No.2P		7473	5294
	No.2S		7473	5578
	No.3P		13674	12056
	No.3S		13188	12024
TOTAL			58227	49916

WATER BALLAST		
TANK	GU. FT.	TON 50SCF
FORE PEAK	5073	145
WATER BALLAST	5029	144
No.1	5067	170
No.2R	5067	170
No.2S	5967	170
No.3P	4400	156
No.3S	4365	125
No.5P	4391	125
No.5S	4391	125
No.6	4116	118
AFTER PEAK-CULINARY WATER	5438	155
DEEP TANKS	5973	114
No.1P	5973	114
No.1S	5973	114
No.2P	7340	20
No.2S	7340	20
No.3P	13540	367
No.3S	13085	373
TOTAL	58570	2811

FRESH WATER		
TANK	GAL'S	TON 50SCF
RESERVE FEED	No.4P	17855
	No.4S	17855
FRESH WATER	FR. 108-113P	7541
	FR. 108-113S	7541
TOTAL	50792	168

FUEL OIL		
TANK	GAL'S	TON 50SCF
FUEL OIL TANK	No.1	36863
	No.2P	43742
	No.2S	43742
	No.3P	32251
	No.3S	31955
	No.5P	32185
	No.5S	32185
	No.6	30183
TOTAL	263106	107
F.O. SETTLING TANK	FR. 98-99P	14083
	FR. 98-99S	14083
		51
		51
TOTAL	26166	102
CARGO OIL OR FUEL OIL		
DEEP TANK	No.3P	58257
	No.3S	55772
TOTAL	195029	700
TOTAL (ALL F.O.)	506301	119

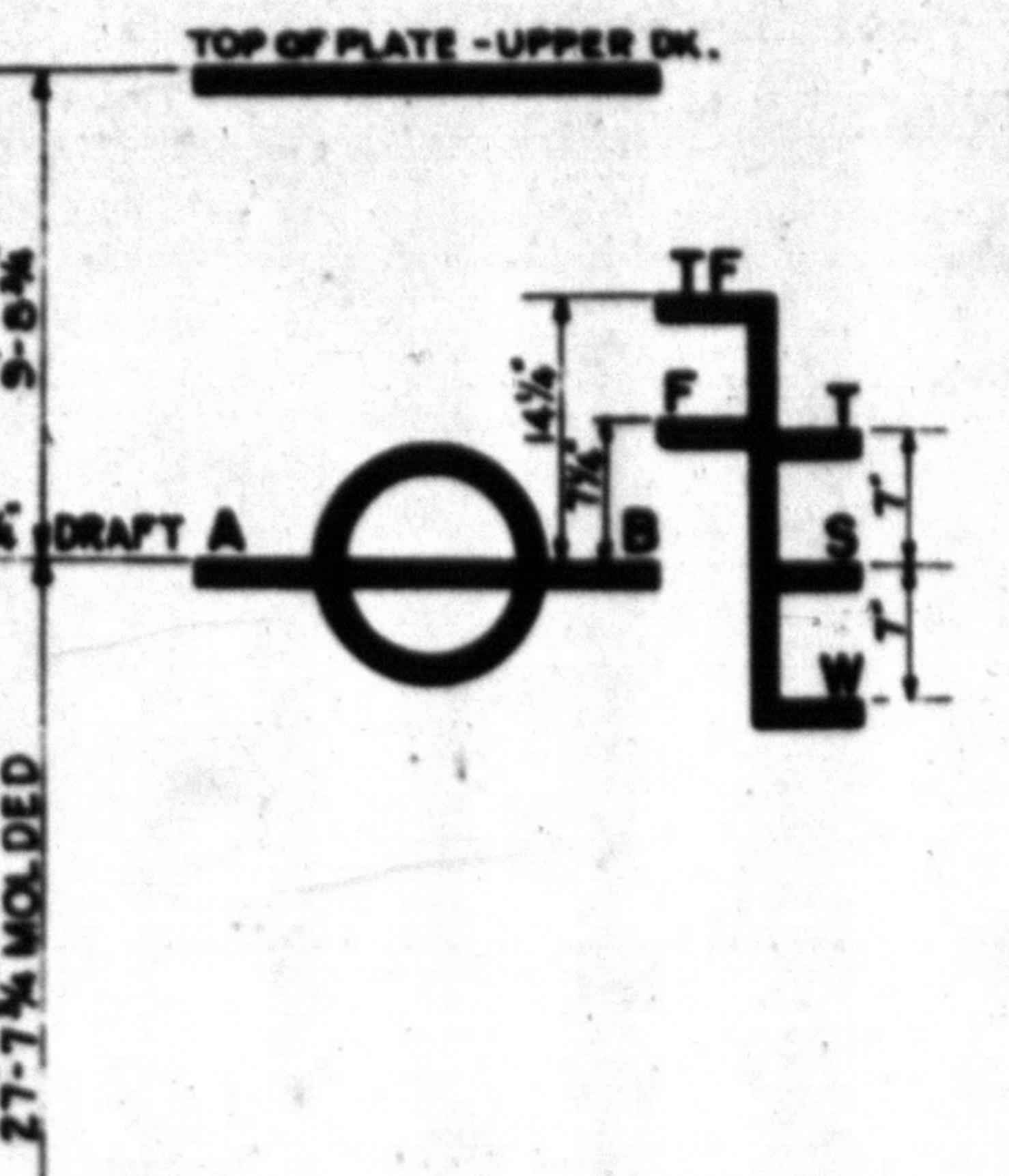
PRINCIPAL DIMENSIONS
 L.O.A. 441'-7 1/2"
 L.B.R. (25'5 1/2" X 11')
 BREADTH, MLD. 55'-10 1/2"
 BREADTH, EXTREME 57'-10 1/2"
 DEPTH, TO UPPER DECK, MLD. 28'-7"
 DEPTH, TO SECOND DECK, MLD. 27'-9 1/2"
 DRAFT. 27'-9 1/2"
 CAPACITIES & TYPES OF WINCHES
 750 D.B.L. GEARED WINCHES FOR 5 & 30 TON BOOMS
 50 TON WINCH FOR 50 TON BOOM

HEIGHTS OF MASTS
 FIXED MAST ABOVE DECK FOREMAST 40'-3 1/2"
 FR. 58 42'-11 1/2"
 FR. 134 42'-2 1/2"
 TELESCOPIC : 42'-11 1/2"
 FR. 68 42'-2 1/2"
 FR. 134

ENGINE
 DIRECT ACTING CONDENSING THREE CYLINDER TRIPLE EXPANSION ENGINE DEVELOPING 2500 I.H.P. AT 76 R.P.M.

BOILERS
 TWO MAIN BOILERS OF THE CROSS DRUM SECTIONAL SIMILAR HEADER STRAIGHT TUBE TYPE FITTED WITH SUPER HEATERS, BURNING BUNKER "C" FUEL OIL

DEADWEIGHT SCALE			
DEADWEIGHT S.W.	DRAFT	DISPLACEMENT TON	TON D.W.
10000		48	
	28	14257	
	27	14000	488
	26	13000	48
	25	12000	475
	24	11000	465
	23	10000	457
	22	11000	448
	21	10000	440
	20	9000	430
	19	9000	425
	18	8000	415
	17	8000	405
	16	7000	445
	15	7000	444
	14	6000	444
	13	6000	435
	12	5000	435
	11	5000	43
	10	4000	42.5
	9	4000	42
	8	4000	41.5



NO. ALTERATIONS	DATE	REMARKS
1 CLARIFIED NOTE NO.1	L.K.H. AS REQUESTED BY 6-9-45	ARMED FORces
2 ADDED NOTES NOS. 2-55-4	6-9-45	ARMED FORces

NOTE: IN BOLD

1 - THE LIGHT WEIGHT OF THE SHIP GIVEN INCLUDES DEFENSE FEATURES, AMMUNITION & BALLAST.

2 - ESTIMATED WEIGHT OF DEFENSE FEATURES -

ARMAMENT	28.71 TONS
PLASTIC ARMOR ON HOUSE	25.67
MACHINE GUN NESTS	6.77
FWD. GUN PLATFORM, MAGAZINE & TRUNK	13.34
GAS ENGINE FOR 5238 CAL. GUN	1.80
ENCLOSURE, FOUNDATION & VENT FOR GENERATOR FOR 5736 CAL. GUN	3.30
DEGAUSSING	12.19
LIFE RAFTS	9.0
TOTAL	102.79 TONS

3 - ESTIMATED WEIGHT OF AMMUNITION

26.0 TONS

4 - ESTIMATED WEIGHT OF BALLAST

266.0 TONS

DESIGN NO. EC2-S-C1

UNITED STATES MARITIME COMMISSION
EMERGENCY SHIP CONSTRUCTION DIVISION

CAPACITY PLAN

SCALE 1/8" = 1'-0"	DATE

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